| Index of Claims                                               |                                                   |                                                  |            |                    | Application/Control No. |                 |                                                   |          |            |           |          | Applicant(s)/Patent under Reexamination |                 |         |                                                  |          |  |
|---------------------------------------------------------------|---------------------------------------------------|--------------------------------------------------|------------|--------------------|-------------------------|-----------------|---------------------------------------------------|----------|------------|-----------|----------|-----------------------------------------|-----------------|---------|--------------------------------------------------|----------|--|
|                                                               |                                                   |                                                  |            |                    | 10/674,944              |                 |                                                   |          |            |           |          | BOGIN ET AL.                            |                 |         |                                                  |          |  |
|                                                               |                                                   |                                                  |            |                    | Examiner                |                 |                                                   |          |            |           |          | Art Unit                                |                 |         |                                                  |          |  |
| 1 188184 18815 88118 88111 18817 81818 82811 81811 81811 8181 |                                                   |                                                  |            |                    | Tim T. Vo               |                 |                                                   |          |            |           |          | 12                                      |                 |         |                                                  |          |  |
|                                                               |                                                   |                                                  |            |                    |                         |                 |                                                   |          |            |           |          | <u> </u>                                |                 |         |                                                  |          |  |
| √ Rejected                                                    | d                                                 | (Through numera<br>Cancelled                     |            |                    | N Non-El                |                 |                                                   | cted     |            | A         | Appeal   |                                         |                 |         |                                                  |          |  |
| = Allowed                                                     | : Allowed ÷                                       |                                                  | Restricted |                    |                         | Interference    |                                                   |          |            | 0         | Objected |                                         |                 |         |                                                  |          |  |
| Claim D                                                       | ate                                               |                                                  |            | Date               |                         |                 | Ci                                                | aim      |            | Date      |          |                                         |                 |         | 1                                                |          |  |
|                                                               |                                                   |                                                  | T 1 T      | TT.                |                         |                 | T                                                 |          |            | П         | Τ        | T                                       |                 | Т       | П                                                | 1        |  |
| Final Original                                                |                                                   | Final                                            | Original   |                    |                         |                 |                                                   | Final    | Original   |           |          |                                         |                 |         |                                                  |          |  |
| 1 1                                                           |                                                   |                                                  | 51         |                    |                         | $\Box$          | 世                                                 |          | 101        |           | 土        | $\perp$                                 |                 | $\pm$   |                                                  | -        |  |
| 2 V                                                           |                                                   | $H \vdash$                                       | 52         | +                  | $\vdash$                | $\mathbb{H}$    | $\mathbb{H}$                                      | <u> </u> | 102<br>103 | $\square$ | _        | $\vdash$                                | П               | $\perp$ |                                                  | 7        |  |
| 4 1                                                           |                                                   |                                                  | 54         |                    |                         |                 | $\forall$                                         |          | 104        | $\vdash$  | ╁        | +                                       | H               | ╅╴      | H                                                | 1        |  |
| 5 1                                                           |                                                   |                                                  | 55<br>56   |                    |                         |                 | $\Box$                                            |          | 105        | П         | $\bot$   | $\perp$                                 | П               | $\perp$ |                                                  | ]        |  |
| 7 1                                                           | +++                                               | ┼┤├─                                             | 57         | ++                 | $\vdash$                | ++              | +                                                 | -        | 106<br>107 | $\vdash$  | +        | ╁                                       | $\vdash$        | +       | $\vdash\vdash$                                   | ┨        |  |
| 8 1                                                           |                                                   |                                                  | 58         |                    |                         |                 | 口                                                 |          | 108        | 口         |          | 上                                       |                 |         |                                                  |          |  |
| 9 10                                                          | +++                                               | $H \vdash$                                       | 59<br>60   | <del>-   -  </del> | $\vdash\vdash$          | ++              | +                                                 | -        | 109<br>110 | $\vdash$  | +        | ╀                                       | Н               | +       | $\vdash \vdash$                                  | ┦        |  |
| 11                                                            |                                                   |                                                  | 61         |                    | H-                      | ††              | ++                                                |          | 111        | H         | +        | ╁                                       | $\vdash$        | +       | <del>                                     </del> | 1        |  |
| 12                                                            |                                                   | $\Box$                                           | 62         | 41                 |                         |                 | $\Box$                                            |          | 112        |           |          |                                         | $\Box$          | 工       |                                                  | ]        |  |
| 13                                                            | <del>-   -   -  </del>                            | H                                                | 63<br>64   | ++-                | $\vdash\vdash$          | ╁┼              | ++                                                | -        | 113<br>114 | $\dashv$  | +        | +-                                      |                 | +-      | ╀                                                | 4        |  |
| 15                                                            |                                                   |                                                  | 65         |                    |                         |                 | 耳                                                 |          | 115        |           | 上        |                                         |                 | 土       |                                                  | <u> </u> |  |
| 16                                                            |                                                   | $H \vdash$                                       | 66<br>67   | ++                 |                         | ++              | 4-4                                               | -        | 116<br>117 | $\vdash$  | _        |                                         | Ц.              | +       |                                                  |          |  |
| 18                                                            | <del>                                      </del> | ╂┪┝╾                                             | 68         | +                  | $\vdash$                | ++              | ++                                                |          | 118        | H         | ╁        | $\vdash$                                | $\vdash$        | +-      | $\vdash$                                         | -        |  |
| 19                                                            |                                                   |                                                  | 69         |                    |                         | П               | $\Box$                                            |          | 119        | $\Box$    | 1        | o                                       |                 |         |                                                  | 1        |  |
| 20 21                                                         | <del>                                     </del>  | $\vdash$                                         | 70 71      | ++-                | ├-                      | ╂┼              | +-                                                | _        | 120<br>121 | $\vdash$  | +        | +                                       | $\vdash$        | +       |                                                  | 4        |  |
| 22                                                            |                                                   |                                                  | 72         |                    |                         |                 | 世                                                 |          | 122        |           |          |                                         | $\Box$          | _       |                                                  | 1        |  |
| 23 24                                                         | +++                                               | <del>                                     </del> | 73<br>74   | +                  | -                       | $\Box$          | $\Box$                                            |          | 123        | П         | $\perp$  |                                         |                 | $\bot$  |                                                  | ]        |  |
| 25                                                            | +++                                               | $H \vdash$                                       | 75         | +                  | $\vdash$                | ╁┼              | +                                                 | -        | 124<br>125 | $\dashv$  | +        | ╁╌                                      | $\vdash$        | +       | ╀                                                | -        |  |
| 26                                                            |                                                   |                                                  | 76         |                    |                         |                 | $\Box$                                            |          | 126        |           |          |                                         |                 | 上       |                                                  | <u></u>  |  |
| 27<br>28                                                      |                                                   | H                                                | 77<br>78   | ++                 | ┝┼                      | ₩               | +                                                 |          | 127<br>128 | $\sqcup$  | _        | $\vdash$                                | Н-              | -       | $\vdash$                                         | 4        |  |
| 29                                                            | <del>                                      </del> | $\Box$                                           | 79         | +                  | ┢╌┼╴                    | 1 1             | +                                                 |          | 129        | H         | +        | +                                       | $\dashv$        | ╁       | $\vdash$                                         | 1        |  |
| 30                                                            |                                                   |                                                  | 80         |                    |                         | П               |                                                   |          | 130        |           |          |                                         |                 |         |                                                  |          |  |
| 31 32                                                         | <del> - -</del>                                   | ╂┤├╌                                             | 81 82      |                    | ├┼                      | ╫               | +                                                 | -        | 131<br>132 | $\vdash$  | ╬        | +                                       | $\dashv$        | ╁       | ⊢⊢                                               | 4        |  |
| 33                                                            |                                                   |                                                  | 83         |                    |                         | ++              | <del>                                      </del> |          | 133        | $\vdash$  | +        | ╁                                       | $\vdash$        | +       | $\vdash$                                         | †        |  |
| 34 35                                                         |                                                   | $\Box$                                           | 84         |                    |                         | $\perp \perp$   | П                                                 |          | 134        | $\Box$    | 1        |                                         | $\Box$          | I       |                                                  |          |  |
| 36                                                            | <del>                                     </del>  | ┼┤├─                                             | 85<br>86   | +                  | $\vdash$                | ╁┼              | +-{                                               |          | 135<br>136 | $\dashv$  | +        | +                                       | -               | +       |                                                  | 4        |  |
| 37                                                            |                                                   |                                                  | 87         |                    |                         |                 |                                                   |          | 137        | $\Box$    | $\top$   | $\vdash$                                | $\top$          | 士       | $\vdash$                                         | -        |  |
| 38 39                                                         |                                                   | $\sqcup$                                         | 88 89      |                    |                         | $\Box$          | 4-1                                               |          | 138        | $\Box$    | $\perp$  | $\Box$                                  | П               | $\bot$  | Ш                                                | ]        |  |
| 40                                                            | <del>                                     </del>  | $H \vdash$                                       | 90         | ╁╌╁╌               | $\vdash$                | +               | +-                                                | -        | 139<br>140 | $\dashv$  | +        | +                                       | +               | +       | ┼┼                                               | ·        |  |
| 41                                                            |                                                   |                                                  | 91         |                    |                         |                 | $\Box$                                            |          | 141        |           |          |                                         |                 |         |                                                  |          |  |
| 42                                                            | -+                                                | <del>┞</del> ┩┣ <u>╌</u>                         | 92         | -   -   -          | $\vdash$                | $\vdash \vdash$ | +                                                 | 1        | 142<br>143 | $\vdash$  | +        | $\square$                               | +               | 4-      | -                                                |          |  |
| 44                                                            |                                                   | ┧┝                                               | 94         | +                  | $\vdash \vdash$         | ++              | ++                                                | $\vdash$ | 143        | $\vdash$  | +        | $\vdash$                                | $\vdash \vdash$ | +       | - -                                              | 1        |  |
| 45                                                            |                                                   |                                                  | 95         |                    |                         |                 | 口                                                 |          | 145        | $\Box$    | 工        |                                         |                 |         |                                                  | ]        |  |
| 46 47                                                         | ++-                                               | <del>├</del> ┤├─                                 | 96         |                    | -                       | ╁┼              | +-                                                | $\vdash$ | 146<br>147 | $\dashv$  | +-       | +                                       | -               | +       | $\vdash \vdash$                                  | 4        |  |
| 48                                                            | <u> </u>                                          |                                                  | 98         |                    | -                       | $\vdash$        | +-                                                | $\vdash$ | 148        | $\vdash$  | +        | Н                                       | +               | +       | $\vdash\vdash$                                   | †        |  |
| 49                                                            |                                                   |                                                  | 99         |                    |                         |                 | 口                                                 | 口        | 149        | $\Box$    | 工        | $\Box$                                  | $\perp$         | 1       |                                                  | ]        |  |
| 50                                                            |                                                   |                                                  | 100        |                    |                         | Ш.              |                                                   |          | 150        | $\perp$   |          | Ш                                       |                 |         | $\Box\Box$                                       | J        |  |